This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An object-oriented temporal context programming system comprising:

data objects, each data object defining a class of object with at least one attribute, said attribute being at least relatively persistently stored in the database with an indication of the effective time of the attribute, any change in attribute also being at least relatively persistently stored in the data object along with an indication of the time of effect of the change in the attribute; and

methods which the class can carry out, said methods having an argument with an ~~which is~~ effective time, said method being at least relatively persistently stored in the database with an indication of the effective time of the method, any change in said method also being at least relatively persistently stored in the data object along with an indication of the time of effect of the change in the method, execution of said method with a particular time argument utilizing the attributes of the effected data objects and the particular method in effect for the particular time specified.

2. (Currently amended) An object-oriented temporal context programming system comprising:

data objects, each data object defining a class of object with at least one attribute, said attribute being at least relatively persistently stored in the database with an indication of the

effective time of the attribute, any change in attribute also being at least relatively persistently stored in the data object along with an indication of the time of effect of the change in the attribute; and

methods which the class can carry out, said methods having an argument which is effective time, execution of said method with a particular time argument utilizing the attributes of the effected data objects in effect for the particular time specified.

3. (Currently amended) An object-oriented temporal context programming system comprising:

data objects, each data object defining a class of object with at least one attribute, said attribute being at least relatively persistently stored in the database, any change in attribute also being at least relatively persistently stored in the data object ; and

methods which the class can carry out, said methods having an argument which is effective time, said method being at least relatively persistently stored in the database with an indication of the effective time of the method, any change in said method also being at least relatively persistently stored in the data object along with an indication of the time of effect of the change in the method, execution of said method with a particular time argument utilizing the particular method in effect for the particular time specified.

4. (Currently amended) An object-oriented ~~temporal~~ context programming system comprising:

data objects, each data object defining a class of object with attributes, at least one attribute of one data object being at least relatively persistently stored in the database with an indication of the context of the attribute, any change in attribute also being at least relatively persistently stored in the data object along with an indication of the context of the change in the attribute; and

methods which the class can carry out, at least one of said methods having an argument which is an indication of context, said method being stored in the database with an indication of the context of the method, any difference in said method also being at least relatively persistently stored in the data object along with an indication of the context of the difference in the method, a method executed with a particular context argument utilizing the attributes of the effected data objects and the method in effect for the particular context.

5. (Currently amended) An object-oriented ~~temporal~~ context programming system as claimed in claim 4 ~~2~~ wherein the context is a version of an application program, so that by identifying a particular context a different version of the application program runs and gives the user a different vantage point from which to experience the program.

6. (Currently amended) An object-oriented ~~temporal~~ context programming system comprising:

data objects, each data object defining a class of object with attributes, at least one attribute of one data object being at least relatively persistently stored in the database with an indication of the context of the attribute, any change in attribute also being at least relatively

persistently stored in the data object along with an indication of the context of the change in the attribute; and

methods which the class can carry out, at least one of said methods having an argument which an indication of context, a method executed with a particular context argument utilizing the attributes of the effected data objects in effect for the particular context.

7. (Currently amended) An object-oriented ~~temporal~~ context programming system comprising:

data objects each defining a class of object with attributes; and

methods which the class can carry out, at least one of said methods having an argument which is an indication of context, said method being at least relatively persistently stored in the database with an indication of the context of the method, any difference in said method also being at least relatively persistently stored in the data object along with an indication of the context of the difference in the method, a method executed with a particular context argument utilizing the method in effect for the particular context.

8. (New) An object-oriented temporal context programming system as claimed in any one of claims 1- 3, further including a new attribute added to said data object and being stored in the database with an indication of the effective time of the new attribute, which effective time is subsequent to existing times in the database.

9. (New) An object-oriented context programming system as claimed in any one of claims 4 - 7, further including a new attribute added to said data object and being stored in the database with an indication of the context of the new attribute.

10. (New) An object-oriented temporal context programming system as claimed in any one of claims 1- 3, wherein the execution of said method is with respect to a time in the past.

11. (New) An object-oriented temporal context programming system as claimed in claim 10 wherein one attribute has an additional context of an error and an equivalent attribute has an additional context of the error corrected, and wherein the methods can be run to show the effect in the past both with and without the error.

12. (New) An object-oriented temporal context programming system as claimed in any one of claims 1- 3, wherein the execution of said method is with respect to a time in the future, and the execution of the methods predicts events in the future based on probabilities.

13. (New) An object-oriented temporal context programming system as claimed in any one of claims 1- 3, wherein said data object is formed from a temporal base object as a subclass of the base object which inherits its temporal context capabilities of reading (getting) or storing (setting).

14. (New) An object-oriented context programming system as claimed in any one of claims 4-7, wherein said data object is formed from a base object as a subclass of the base object which inherits its context capabilities of reading (getting) or storing (setting).